



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 19, 2016

Gregory C. Mattern  
Regulatory Manager  
Nufarm Americas Inc.  
4020 Aerial Center Parkway, Suite 101  
Morrisville, NC 27560

Subject: Label and CSF Amendment – addition of optional fertilizer statements; updated company address; CSF revisions Basic and Alternate #1  
Product Name: Bifenthrin 0.069% Plus Fertilizer  
EPA Registration Number: 228-435  
Application Date: 30-Mar-2016  
Decision Number: 516189

Dear Mr. Mattern:

The amended label and CSF(s) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 05/16/2016
- Alternate CSF #1 dated 05/16/2016

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process.

Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Julie Breeden-Alemi at 703-347-0511 or via email at [Breeden-Alemi.Julie@epa.gov](mailto:Breeden-Alemi.Julie@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a large, hand-drawn oval.

Kable Bo Davis, Product Manager 3  
Invertebrate and Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# BIFENTHRIN 0.069% PLUS FERTILIZER

FOR USE TO CONTROL ANTS (INCLUDING IMPORTED FIRE ANTS), MOLE CRICKETS AND OTHER LISTED PESTS ON LAWNS IN LANDSCAPED AREAS AROUND RESIDENTIAL, INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS AND ATHLETIC FIELDS.

**ACTIVE INGREDIENT:**

Bifenthrin\* .....0.069%

**OTHER INGREDIENTS:** .....99.931%

**TOTAL:** .....100.000%

\*Cis isomers 97% minimum, trans isomers 3% maximum.

REFER TO FERTILIZER TAG FOR ANALYSIS

## KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

**SEE SIDE PANELS FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS**

**For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840**

NOTE: Spanish language is optional

EPA REG. NO. 228-435

EPA EST. NO. \_\_\_\_\_

Manufactured For  
NUFARM AMERICAS INC.  
11901 South Austin Avenue  
Alsip, IL 60803



**NET CONTENTS** \_\_\_\_\_ **Lbs. ( \_\_\_\_\_ Kg)**

**ACCEPTED**

08/19/2016

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 228-435

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION / PRECAUCION

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID	
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b> This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.	

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production or for research purposes.

**DO NOT** apply more than 580 pounds of this product per acre per year.

Not for use on golf courses, sod farms, nurseries, commercial greenhouses or grass grown for seed.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. **DO NOT** water to the point of run-off.

**DO NOT** make applications during rain.

In New York State, this product may **NOT** be applied to any grass, or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch). In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

### LAWN AND PERIMETER APPLICATIONS

**Perimeter Application:** Apply to lawn area 6 to 10 feet wide around and adjacent to the structure using an application rate of 3.33 to 6.66 pounds per 1,000 square feet.

**Lawn Application:** Broadcast this product with suitable application equipment to ensure uniform coverage over the treatment area. Apply 3.33 to 6.66 pounds per 1,000 square feet to control the following pests.

Annual Bluegrass Weevils  
(Hyperodes) (Adult)  
Ants<sup>2</sup>  
Armyworms

Black Turfgrass Ataenius  
(Adult)  
Centipedes<sup>2</sup>  
Chinch bugs<sup>2</sup>

Fleas<sup>2</sup>  
Imported Fire Ants<sup>1,2</sup>  
Leafhoppers  
Mealybugs

Mole Crickets<sup>2</sup>  
Sod Webworms  
Ticks<sup>2</sup>

<sup>1</sup> **Imported fire ants:** Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will control existing colonies. Use an EPA registered product for treating individual mounds.

<sup>2</sup> The higher application rate may be required to control Ants, Centipedes, Chinch Bugs, Fleas, Imported Fire Ants, Millipedes, Mole Crickets and Ticks.

## RECOMMENDED SPREADER SETTINGS

**Note:** Following will be a list of application spreaders and approximate settings. This list will vary depending on market or spreader. This note will not appear on final printed label.

**Note:** These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.wa.gov/agr>.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals>.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-xx.com>.

### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call ChemTrec (800) 424-9300. To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable Container. **DO NOT** reuse or refill this container. After completely emptying container into application equipment, offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

### LIMITATION OF LIABILITY

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GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

(RV\_\_\_\_\_)

**[Optional Spreader Instructions]:**

[CALIBRATION INSTRUCTIONS: To provide proper distribution, calibrate spreader before application. For 4.0 pounds of product (or x pound of product) per 1,000 square feet (or per acre) of turfgrass: Check your spreader on 250 square feet (or x square feet) and adjust to apply at the rate of 1 pound of product (or x pounds of product) per 250 square feet (or x square feet).]

**[OPTIONAL FERTILIZER STATEMENTS]:**

**[(Optional state-specific fertilizer information, statement or restrictions, such as the following example, to be updated based on current state requirement(s)):**

[For Fertilizer Mixtures Containing Nitrogen]: It is a violation of law in [list State(s)] to apply this product to turf at a rate that results in greater than [X] lb per 1,000 sq.ft. of readily available nitrogen, or more than [X] lb per 1,000 sq.ft. of total nitrogen with a least [X]% of which shall consist of slow release nitrogen [per application] [during any given 30-day period]. Other state and local restrictions may apply.]

[For Fertilizer Mixtures Containing Phosphorous]: [For levels of phosphorus 5% or below]: This fertilizer contains phosphorus and may not be used on turf in [list State(s)] except when 1) providing nutrients to specific soils and target vegetation as determined to be necessary in accordance with a soil test that was conducted by a laboratory identified under [list specific state article code], performed no more than [x] years before the application; 2) establishing vegetation for the first time, such as after land disturbance, provided the application is conducted in accordance with the application rates established by the State; or 3) reestablishing or repairing a turf area. [Not for use on established lawns or grass in [list State(s)]]].

[Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to [your lawn/garden][the targeted treatment area] and sweep any product that lands on the driveway, sidewalk, or street back onto [your lawn][the targeted treatment area].